Title (en)

HIGH PERFORMANCE WIRING CONNECTING SYSTEM

Title (de)

VERKABELUNGSVERBINDUNG MIT HOHER LEISTUNG

Title (fr)

SYSTEME DE CABLAGE DE CONNEXION DE HAUTE PERFORMANCE

Publication

EP 0968545 A1 20000105 (EN)

Application

EP 99903066 A 19990113

Priority

- US 9900695 W 19990113
- US 875798 A 19980119

Abstract (en)

[origin: WO9936993A1] A wiring connecting system having superior electrical transmission performance with reduced cross talk and improved lacing and termination features is disclosed and includes a base, a wire strip (108) mountable to the base, a connecting block (300) for housing a plurality of electrical contacts (450) and a plurality of cross talk barriers (202) disposed within the connecting block for isolating pairs of the electrical contacts. The wire strip has a plurality of first and second posts (124) alternating along its length. The second posts have a greater width than the first posts. A connector block for housing a plurality of electrical contacts mounts onto the wire strip. An upper end of the connecting block includes a plurality of first (304) and second (306) teeth alternating along its length with the second teeth having a greater width than the first teeth. The electrical contacts extend from the lower end of the housing to generally align with the openings of the wire strip. A plurality of barriers for electrically shielding pairs of the electrical contacts are disposed within the connecting block housing and substantially surround respective pairs of the electrical contacts. A plug for connecting a cable having a plurality of wires to the connecting block is also disclosed.

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01); **H01R 13/506** (2006.01); **H01R 13/6471** (2011.01); **H01R 13/6477** (2011.01)

CPC (source: EP US)

H01R 4/2429 (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US); **H01R 13/6471** (2013.01 - EP US); **H01R 13/6477** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9936993 A1 19990722; AU 2317999 A 19990802; BR 9904805 A 20000523; CN 1128486 C 20031119; CN 1258388 A 20000628; DE 69930613 D1 20060518; DE 69930613 T2 20070516; EP 0968545 A1 20000105; EP 0968545 A4 20030625; EP 0968545 B1 20060329; TW 490895 B 20020611; US 6346005 B1 20020212; US 6379174 B1 20020430

DOCDB simple family (application)

US 9900695 W 19990113; AU 2317999 A 19990113; BR 9904805 A 19990113; CN 99800031 A 19990113; DE 69930613 T 19990113; EP 99903066 A 19990113; TW 88100780 A 19990407; US 23275799 A 19990115; US 875798 A 19980119